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Chabane Djeraba, marinette Bouet

January 1997 **Proceedings of the sixth international conference on Information and knowledge management**

Publisher: ACM Press

Full text available: [Additional Information: full citation, references, index terms](#)**2** [Reception and posters: R-Histogram: quantitative representation of spatial relations for similarity-based image retrieval](#)

Yuhang Wang, Fillia Makedon

November 2003 **Proceedings of the eleventh ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: [Additional Information: full citation, abstract, references, citings, index terms](#)

Representation of relative spatial relations between objects is required in many multimedia database applications. Quantitative representation of spatial relations taking into account shape, size, orientation and distance is often required. This cannot be accomplished by assimilating an object to elementary entities such as the centroid or the minimum bounding rectangle. Thus many authors have proposed numerous representations based on the notion of histograms of angles. However, they can only r ...

Keywords: R-Histogram, image retrieval, similarity search, spatial relations
3 [Image retrieval and perceptual similarity](#)

Dirk Neumann, Karl R. Gegenfurtner

January 2006 **ACM Transactions on Applied Perception (TAP)**, Volume 3 Issue 1

Publisher: ACM Press

Full text available: [Additional Information: full citation, abstract, references, index terms](#)

Simple, low-level visual features are extensively used for content-based image retrieval. Our goal was to evaluate an image-indexing system based on some of the known properties of the early stages of human vision. We quantitatively measured the relationship between the similarity order induced by the indexes and perceived similarity. In contrast to previous evaluation approaches, we objectively measured similarity both for the few best-matching images and also for relatively distinct images. Th ...

Keywords: Color indexing, Fourier spectrum, content-based image retrieval, image



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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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 Jun-Wei Hsieh; Hong-Yuan Mark Liao; Kuo-Chin Fam; Ming-Tak Ko;
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 Volume 1, 25-29 Aug. 1996 Page(s):765 - 769 vol.1
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- ☐ 2. **Registering panoramic range data and omnidirectional color image based on edge histograms**
 Caihua Wang; Tanahashi, H.; Sato, Y.; Hirayu, H.; Niwa, Y.; Yamamoto, K.;
[Pattern Recognition, 2002. Proceedings. 16th International Conference on](#)
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- ☐ 4. **Hierarchical motion history images for recognizing human motion**
 Davis, J.W.;
[Detection and Recognition of Events in Video, 2001. Proceedings. IEEE Workshop on](#)
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